

ABSTRACT OF THE DISCLOSURE

A seatbelt apparatus includes a first pretensioner for winding a webbing to a retractor by a predetermined tension, a second pretensioner for applying a tension to the webbing in an emergency to restrain a passenger finally, a brake-pedal stroke sensor for detecting a manipulated amount of a brake pedal, a laser radar for detecting an obstacle in front of a vehicle and a first controller for controlling the tension by the first pretensioner in accordance with at least one of a tension control based on the detection data by the brake-pedal stroke sensor and another tension control based on the detection data by the laser radar. In operation, the first controller adopts the control based on the detection data by the brake-pedal stroke sensor while taking its precedence over the control based on the detection data by the laser radar. Due to this order of priority, it becomes possible to accomplish certain tension control for the webbing before a collision without affording the passenger a sense of incompatibility.